

Anti-Histone H3-like centromeric protein CENH3, N-terminal antibody

Catalog: PHY4493A

Product Information

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| Description: | Rabbit polyclonal antibody |
| Background: | Os05g0489800 |
| Synonyms: | CENH3 |
| Immunogen: | KLH-conjugated synthetic peptide (16 aa from N terminal section) derived from <i>Oryza sativa</i> CENH3 (Os05g0489800). |
| Form: | Lyophilized |
| Quantity: | 150 µg |
| Purification: | Immunogen affinity purified |
| Reconstitution: | Reconstitution with 150 µl of 0.01 M sterile PBS. "Note: please spin tube briefly prior to opening it to avoid any losses that might occur from lyophilized material adhering to the cap or sides of the tube". |
| Stability & Storage: | Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70°C as supplied. 6 months, -20 to -70°C under sterile conditions after reconstitution. 1 month, 2 to 8°C under sterile conditions after reconstitution. |
| Shipping: | The product is shipped at 4°C. Upon receipt, store it immediately at the temperature recommended above. |

Application Information

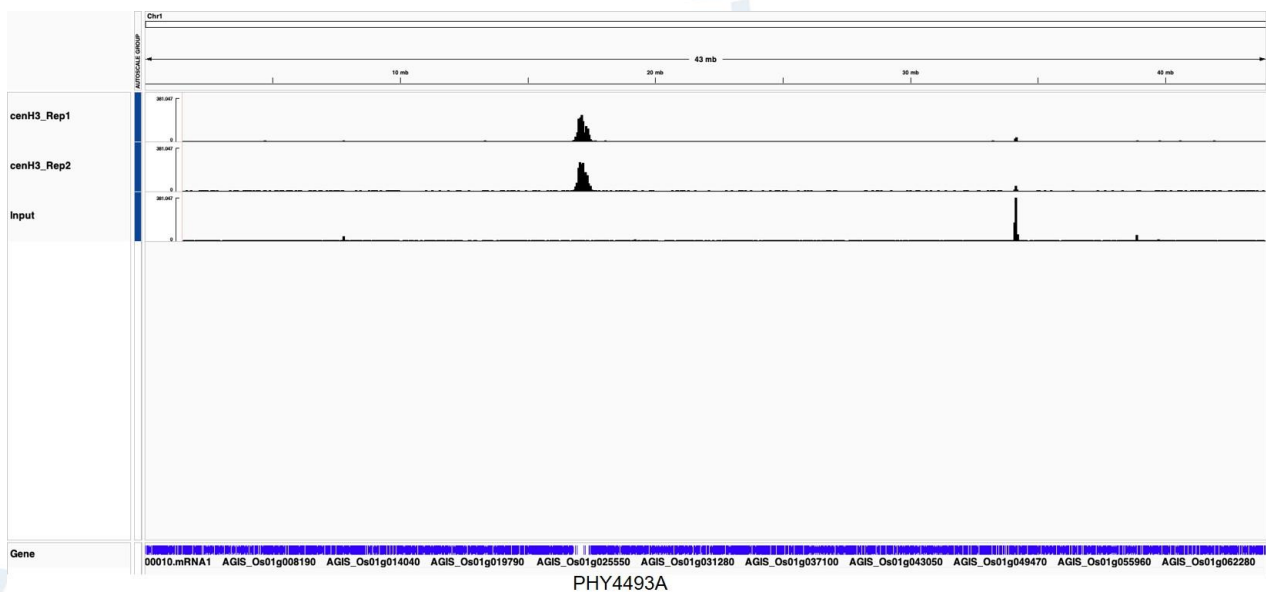
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| Recommended Dilution: | Western Blot (1:1000-1:2000), ChIP-Seq Note: Optimal dilutions/concentrations should be determined by the end user. |
| Expected / apparent MW: | 19 kDa |
| Predicted Reactivity: | Among species analyzed, the sequence of the synthetic peptide used for immunization is 100% homologues with the sequence in <i>Oryza minuta</i> (ACX30892), <i>Oryza alta</i> (ACX30890), <i>Oryza nivara</i> (UVT38808), <i>Oryza barthii</i> (UVT38807), <i>Oryza longistaminata</i> (UVT38806), <i>Oryza rufipogon</i> (UVT38811), <i>Oryza glaberrima</i> |

Research Use Only

(ULM71714/ULM71715/ULM71716), and 80-99% homologues with the sequence in *Hordeum vulgare*, *Panicum virgatum*, *Triticum aestivum*, *Oryza minuta* (ACX30891), *Oryza punctata* (ACX30894), *Oryza brachyantha* (XP_015692828).

For more species homologues information, please contact tech support at tech@phytoab.com.

Application Example



Anti-CENH3 Antibody tested by Chip-seq. Chromatin was prepared from *Oryza sativa*. 1.5 g of the rice seedlings were fixed in 1% formaldehyde for 15 minutes, followed by the addition of 100 mmol/L glycine to terminate the fixation reaction. The supernatant was incubated with 7 μ l of a CENH3 antibody. Immunocomplexes were captured for two hours at 4 °C.